



1FW

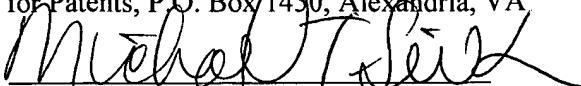
DOCKET NO: D0617.70012US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Aaron K. Sato, et al.
Serial No: 10/661,156
Filed: September 11, 2003
For: KDR and VEGF/KDR Binding Peptides and Their Use in Diagnosis and Therapy
Examiner: Not Yet Assigned
Art Unit: 1632

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 18th day of March, 2005.


Michael T. Siekman, Reg. No. : 36,276

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents:

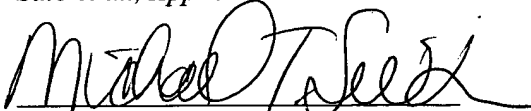
- Power of Attorney and Revocation of Prior Powers (2 pgs.) and Schedule A (1 pg.)
- Certificate Under 37 C.F.R. § 3.73(b)
- Copy of Assignments
- Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 646-8000, Boston, Massachusetts.

A check is not enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,
Sato et al., Applicant

By:


Michael T. Siekman, Reg. No.: 36,276
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2206
Telephone: (617) 646-8000

Docket No.: D0617.70012US00
Date: March 18, 2005
xNDDx



Attorney Docket No: D0617.70012US00

CERTIFICATE UNDER 37 CFR 3.73(b)

Applicant: Sato et al.

Serial No: 10/661,156

Filed: September 11, 2003

Entitled: KDR AND VEGF/KDR BINDING PEPTIDES AND THEIR USE IN
DIAGNOSIS AND THERAPY

Bracco International B.V. a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership,
university, government agency, etc.)

certifies that it is an assignee of a 50% ownership interest of the entire right, title and interest in
the patent application or patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the
current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at

2. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned is empowered to sign this certificate on behalf of the assignee.

Respectfully submitted,

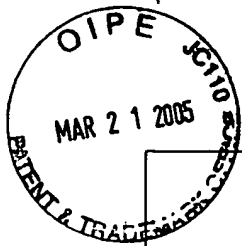
Bracco International B.V., Assignee

By:

Michael T. Siekman, Reg. No.: 36,276
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2206
Telephone: (617) 646-8000

Docket No.: D0617.70012US00

Date: March 18, 2005

**CERTIFICATE UNDER 37 CFR 3.73(b)****Applicant:** Sato et al.**Serial No:** 10/661,156 **Filed:** September 11, 2003**Entitled:** KDR AND VEGF/KDR BINDING PEPTIDES AND THEIR USE IN
DIAGNOSIS AND THERAPY**Dyax Corp.** a **Corporation**

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership,
university, government agency, etc.)certifies that it is an assignee of a 50% ownership interest of the entire right, title and interest in
the patent application or patent identified above by virtue of either:A. ☒ An assignment from the inventor(s) of the patent application identified above.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the
current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at

2. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at

☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned is empowered to sign this certificate on behalf of the assignee.

Respectfully submitted,

Dyax Corp., Assignee

By:

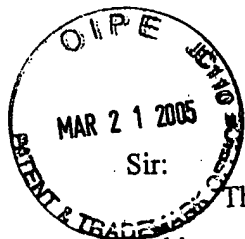
Michael T. Siekman, Reg. No.: 36,276
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2206
Telephone: (617) 646-8000

Docket No.: D0617.70012US00

Date: March 18, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450



REVOCATION OF PRIOR POWERS OF ATTORNEY
and
NEW POWER OF ATTORNEY

Sir:

The undersigned, Dyax Corp. and Bracco International B.V., assignees of the entire right, title and interest for all of the patents and patent applications identified in the attached Schedule A, hereby revoke all previous powers of attorney or authorizations of agent given in the identified patents and patent applications and in any divisional, continuing, substitute, renewal or reissue applications thereof, and appoint all practitioners affiliated with Customer Number:



23628

as assignees' attorneys or agents with full power of substitution to take any and all action necessary with regard to the identified patents and patent applications, and with regard to any divisional, continuing, substitute, renewal or reissue applications thereof.

Please forward all correspondence to:

Michael T. Siekman
Wolf, Greenfield & Sacks, P.C.
Federal Reserve Plaza
600 Atlantic Avenue
Boston, Massachusetts 02210
Tel. 617-646-8336
Fax 617-720-2441

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Please use corresponding Attorney's Docket Number in attached Schedule A on all future correspondence in connection with the identified patents and patent applications.

Date:

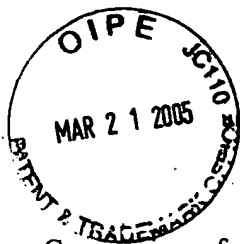
2/25/08

Respectfully submitted,

Name: Ivana Magovčević, Ph.D., J.D.
Title: Senior Vice President Legal Affairs and
Chief Patent Counsel for Dyax Corp.

Date:

Name: Caragh Noone, Esq.
Title: Senior Patent Counsel for Bracco
International B.V.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

**REVOCATION OF PRIOR POWERS OF ATTORNEY
and
NEW POWER OF ATTORNEY**

Sir:

The undersigned, Dyax Corp. and Bracco International B.V., assignees of the entire right, title and interest for all of the patents and patent applications identified in the attached Schedule A, hereby revoke all previous powers of attorney or authorizations of agent given in the identified patents and patent applications and in any divisional, continuing, substitute, renewal or reissue applications thereof, and appoint all practitioners affiliated with Customer Number:



23628

as assignees' attorneys or agents with full power of substitution to take any and all action necessary with regard to the identified patents and patent applications, and with regard to any divisional, continuing, substitute, renewal or reissue applications thereof.

Please forward all correspondence to:

Michael T. Siekman
Wolf, Greenfield & Sacks, P.C.
Federal Reserve Plaza
600 Atlantic Avenue
Boston, Massachusetts 02210
Tel: 617-646-8336
Fax 617-720-2441

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Please use corresponding Attorney's Docket Number in attached Schedule A on all future correspondence in connection with the identified patents and patent applications.

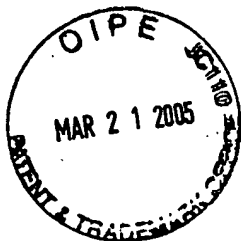
Respectfully submitted,

Date: _____

Name: Ivana Magovčević, Ph.D., J.D.
Title: Senior Vice President Legal Affairs and
Chief Patent Counsel for Dyax Corp.

Date: **17 MAART 2005**

Name: **Tom Herbschleb**
Title: **Proxy Holder**
International B.V. Bracco International B.V.



SCHEDULE A

Issued Patents

Atty. Docket No.	Patent No.	Issue Date

Patent Applications

Atty. Docket No.	Serial No.	Filing Date
D0617.70011US00	60/360,851	March 1, 2002
D0617.70011US01	60/440,411	January 15, 2003
D0617.70011US02	10/382,082	March 3, 2003
D0617.70012US00	10/661,156	November 11, 2003
D0617.70013US00	60/451,588	March 3, 2003
D0617.70013US01	10/792,582	March 3, 2004
D0617.70014US00	10/939,890	September 13, 2004

COPY

Docket No. 3421.1012-006

Multi-Joint

ASSIGNMENT

WHEREAS, we, **Aaron K. Sato, Daniel J. Sexton, Daniel T. Dransfield and Robert C. Ladner**, together with co-inventors **Christophe Arbogast, Philippe Bussat, Hong Fan, Sudha Khurana, Karen E. Linder, Edmund R. Marinelli, Palaniappa Nanjappan, Adrian D. Nunn, Radhakrishna Pillai, Sibylle Pochon, Kondareddiar Ramalingam, Ajay Shrivastava, Bo Song, Rolf E. Swenson and Mathew A. Von Wronski** have invented a certain improvement in **KDR AND VEGF/KDR BINDING PEPTIDES AND THEIR USE IN DIAGNOSIS AND THERAPY** described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;

☒ was filed on **September 11, 2003** as Application No. **10/661,156**;

☐ was patented under U.S. Patent No. ☐ on ☐.

WHEREAS, **Dyax Corp.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **300 Technology Square, Cambridge, Massachusetts 02139** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the

COPY

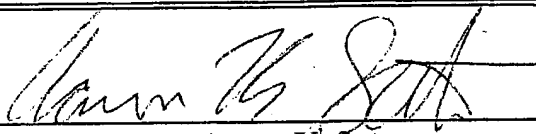
-2-

execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____



Aaron K. Sato

State/Commonwealth _____

of MASSACHUSETTS

County of Middlesex

Then personally appeared before me the above-named **Aaron K. Sato** and acknowledged that he executed the foregoing instrument as his free act and deed this 13th day of November, 2003.

(SEAL)

Karen S. Johnston Notary Public
KAREN S. JOHNSTON (print name)

My Commission expires 09 / 08 / 2008

COPY

-3-

Inventor's Signature: _____



Daniel J. Sexton

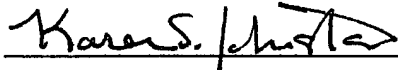
State/Commonwealth

of MASSACHUSETTS

County of Middlesex

Then personally appeared before me the above-named **Daniel J. Sexton** and acknowledged that he executed the foregoing instrument as his free act and deed this 13th day of November, 2003.

(SEAL)



Notary Public

KAREN S. JOHNSTON

(print name)-

My Commission expires 07 / 04 / 2008

Inventor's Signature: _____



Daniel T. Dransfield

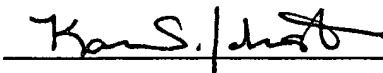
State/Commonwealth

of MASSACHUSETTS

County of Middlesex

Then personally appeared before me the above-named **Daniel J. Dransfield** and acknowledged that he executed the foregoing instrument as his free act and deed this 13th day of November, 2003.

(SEAL)



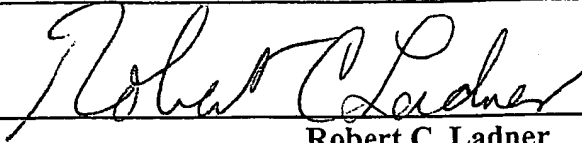
Notary Public

KAREN S. JOHNSTON

(print name)

My Commission expires 07 / 04 / 2008

Inventor's Signature: _____

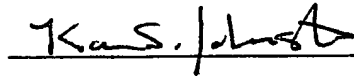

Robert C. Ladner

State/Commonwealth

of MASSACHUSETTSCounty of Middlesex

Then personally appeared before me the above-named **Robert C. Ladner** and acknowledged that he executed the foregoing instrument as his free act and deed this 13th day of November, 2003.

(SEAL)



Notary Public

KAREN S. JOHNSTON

(print name)

My Commission expires 07 / 04 / 2008

Multi-Joint

ASSIGNMENT

WHEREAS, we, **Christophe Arbogast, Philippe Bussat, Hong Fan, Sudha Khurana, Karen E. Linder, Edmund R. Marinelli, Palaniappa Nanjappan, Adrian D. Nunn, Radhakrishna Pillai, Sibylle Pochon, Kondareddiar Ramalingam, Ajay Shrivastava, Bo Song, Rolf E. Swenson and Mathew A. Von Wronski**, together with co-inventors **Aaron K. Sato, Daniel J. Sexton, Daniel T. Dransfield and Robert C. Ladner**, have invented a certain improvement in **KDR AND VEGF/KDR BINDING PEPTIDES AND THEIR USE IN DIAGNOSIS AND THERAPY** described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;

☒ was filed on **September 11, 2003** as Application No. **10/661,156**;

☐ was patented under U.S. Patent No. ☐ on ☐.

WHEREAS, **Bracco International, B.V.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Country of The Netherlands**, and having a usual place of business at **Stravinskylaan 3051, 1077 ZX Amsterdam, The Netherlands** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution,

reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____

- **Christophe Arbogast**

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **Christophe Arbogast** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

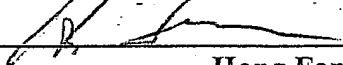
Inventor's Signature: _____
Philippe Bussat

State/Commonwealth
of _____
County of _____

Then personally appeared before me the above-named **Philippe Bussat** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: _____

Hong Fan

State/Commonwealth
of _____
County of _____

Then personally appeared before me the above-named **Hong Fan** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: Sudha Khurana

Sudha Khurana

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Sudha Khurana** and acknowledged that she executed the foregoing instrument as her free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: Karen E. Linder

Karen E. Linder

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Karen E. Linder** and acknowledged that she executed the foregoing instrument as her free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: Edmund R. Marinelli
Edmund R. Marinelli

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Edmund R. Marinelli** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature:

Palaniappa Nanjappan

Palaniappa Nanjappan

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Palaniappa Nanjappan** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____



Adrian D. Nunn

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **Adrian D. Nunn** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

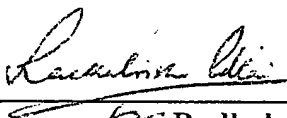
(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____



Radhakrishna Pillai

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **Radhakrishna Pillai** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Sibylle Pochon

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Sibylle Pochon** and acknowledged that she executed the foregoing instrument as her free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: Kondareddiar Ramalingam

Kondareddiar Ramalingam

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Kondareddiar Ramalingam** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

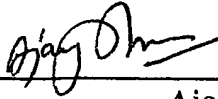
(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____



Ajay Shrivastava

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **Ajay Shrivastava** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

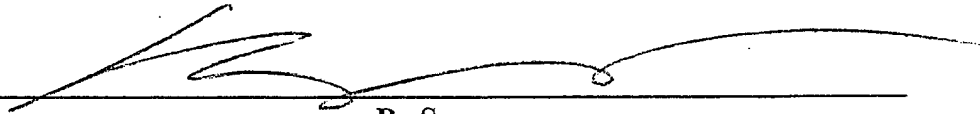
(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____



Bo Song

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **Bo Song** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Rolf E. Swenson
Rolf E. Swenson

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Rolf E. Swenson** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

M. A. Von Wronski
Mathew A. Von Wronski

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Mathew A. Von Wronski** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Multi-Joint

ASSIGNMENT

WHEREAS, we, Christophe Arbogast, Philippe Bussat, Hong Fan, Sudha Khurana, Karen E. Linder, Edmund R. Marcinelli, Palaniappa Nanjappan, Adrian D. Nunn, Radhakrishna Pillai, Sibylle Pochon, Kondareddiar Ramalingam, Ajay Shrivastava, Bo Song, Rolf E. Swenson and Matthew A. Von Wronski, together with co-inventors Aaron K. Sato, Daniel J. Sexton, Daniel T. Dransfield and Robert C. Ladner, have invented a certain improvement in **KDR AND VEGF/KDR BINDING PEPTIDES AND THEIR USE IN DIAGNOSIS AND THERAPY** described in an application for Letters Patent of the United States, the specification of which:

- ☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☒ was filed on September 11, 2003 as Application No. 10/661,156;
- ☐ was patented under U.S. Patent No. [] on [].

WHEREAS, Bracco International, B.V. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Country of The Netherlands, and having a usual place of business at Stravinskylaan 3051, 1077 ZX Amsterdam, The Netherlands desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution,

reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____

Arbogast

Christophe Arbogast

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **Christophe Arbogast** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires _____

Inventor's Signature: P. Bussat.

Philippe Bussat

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Philippe Bussat** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires _____/_____/_____

Inventor's Signature: Hong Fan

Hong Fan

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Hong Fan** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires _____/_____/_____

Inventor's Signature: _____

Sudha Khurana

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Sudha Khurana** and acknowledged that she executed the foregoing instrument as her free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: Karen E. Linder

Karen E. Linder

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Karen E. Linder** and acknowledged that she executed the foregoing instrument as her free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: Edmund R. Marinelli

Edmund R. Marinelli

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named Edmund R. Marinelli and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: Palaniappa Nanjappan

Palaniappa Nanjappan

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named Palaniappa Nanjappan and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____



Adrian D. Nunn

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named Adrian D. Nunn and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

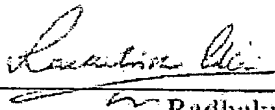
(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____



Radhakrishna Pillai

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named Radhakrishna Pillai and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Sibylle Pochon

Sibylle Pochon

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named Sibylle Pochon and acknowledged that she executed the foregoing instrument as her free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Kondareddiar Ramalingam

Kondareddiar Ramalingam

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named Kondareddiar Ramalingam and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____



Ajay Shrivastava

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named Ajay Shrivastava and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

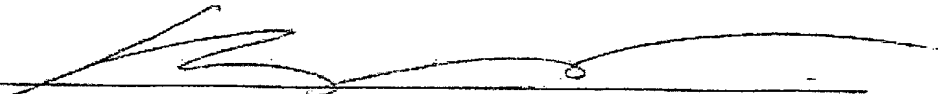
(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____



Bo Song

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named Bo Song and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Rolf E. Swenson

Rolf E. Swenson

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named Rolf E. Swenson and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

M. A. von Wronski

Mathew A. Von Wronski

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named Mathew A. Von Wronski and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____